

Certificate no: 4831_887_00172040
Foil batch no: 1824MProduct: 4831
Calibration date: 21.06.2020Serial no: 887
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Index	Temperature reference(°C)	[O2] Reference(µM)	Temperature raw data(mV)	Phase reading(°)
0	30.548	2.35	-123.620	59.25
1	20.363	2.35	208.000	60.31
2	10.281	2.60	537.940	61.35
3	0.884	3.40	822.340	62.29
4	1.018	22.23	818.533	59.67
5	1.124	43.92	815.547	57.06
6	1.202	64.85	813.320	54.77
7	1.279	104.74	811.127	51.00
8	1.341	147.71	809.367	47.61
9	1.397	214.71	807.760	43.38
10	1.455	316.71	806.100	38.58
11	1.503	420.04	804.733	35.03
12	1.543	518.86	803.613	32.44
13	10.735	17.03	523.493	58.56
14	10.677	34.90	525.347	55.54
15	10.638	51.63	526.560	53.03
16	10.607	83.39	527.540	49.01
17	10.576	115.41	528.520	45.70
18	10.548	165.70	529.460	41.57
19	10.524	246.66	530.253	36.73
20	10.514	328.15	530.547	33.27
21	10.509	416.13	530.700	30.50
22	20.454	13.23	204.940	57.60
23	20.387	27.53	207.193	54.25
24	20.347	41.70	208.533	51.38
25	20.313	66.81	209.620	47.18
26	20.293	93.31	210.307	43.65
27	20.278	133.61	210.800	39.47
28	20.275	203.73	210.900	34.38
29	20.273	266.44	210.980	31.24
30	20.274	332.75	210.900	28.79
31	30.166	11.20	-111.587	56.38
32	30.173	22.61	-111.813	52.84
33	30.201	33.50	-112.700	49.96
34	30.221	55.48	-113.327	45.27
35	30.254	77.12	-114.360	41.70
36	30.275	111.64	-115.027	37.36
37	30.329	164.55	-116.740	32.79
38	30.343	220.13	-117.200	29.51
39	30.350	277.91	-117.427	27.06

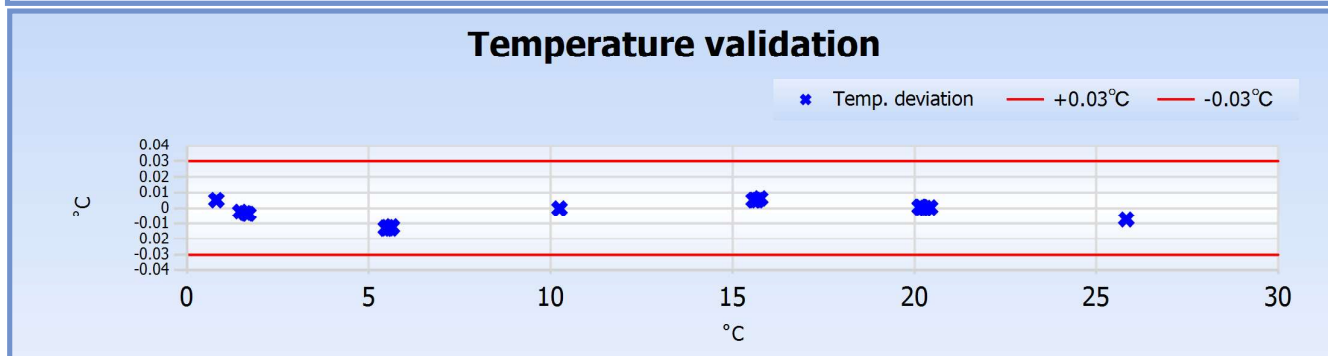
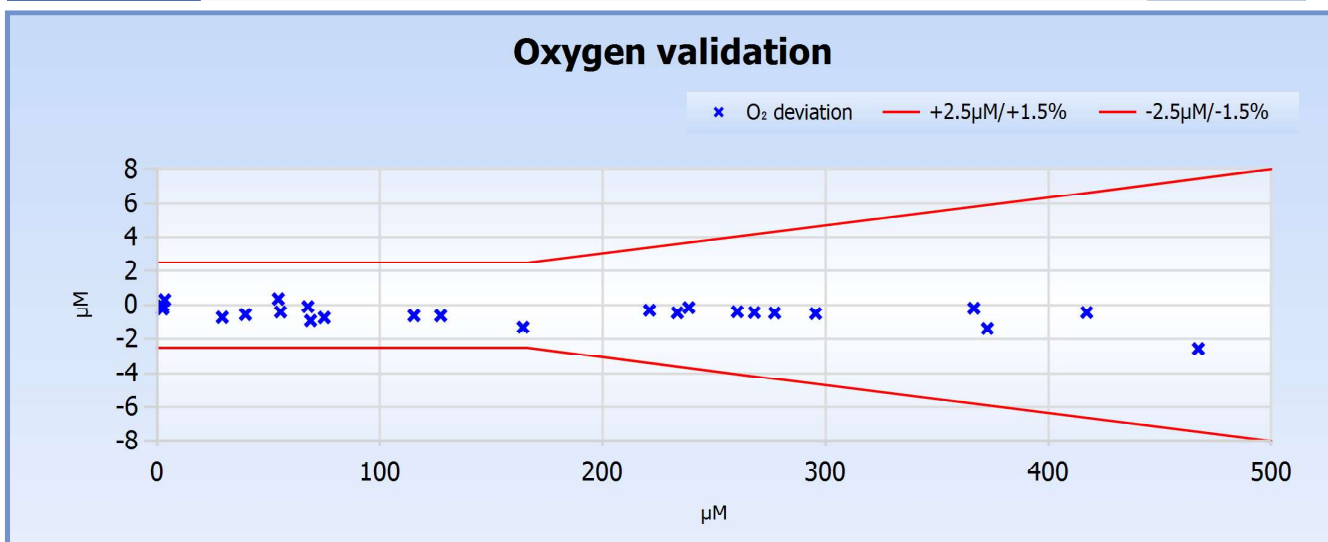
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Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.76769E-03	1.18571E-04	2.14584E-06	1.21873E02	-2.01999E-01	-2.80454E01	2.43334E00
TempCoef	2.66820E01	-3.08233E-02	3.05265E-06	-4.51599E-09	0.00000E00	0.00000E00	



With following settings

Index	0	1	2	3
PhaseCoef	-1.19800E00	1.00000E00	0.00000E00	0.00000E00

Index	0 (Offset)	1 (Slope)
ConcCoef	0.00000E00	1.00000E00

Salinity	0.00
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Firmware Version	5.1.1
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Date:21.06.2020

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer

Product Name	4831	887	Oxygen Optode		
Product Number	4831	887	4831		
Serial Number	4831	887	887		
SW ID	4831	887	1940031		
SW Version	4831	887	5	1	1
HW ID 1	4831	887			
HW Version 1	4831	887			
HW ID 2	4831	887			
HW Version 2	4831	887			
HW ID 3	4831	887			
HW Version 3	4831	887			
System Control	4831	887	0	0	0
Production Date	4831	887			
Last Service	4831	887			
Last Calibration		4831	887		
Calibration Interval[Days]		4831	887	0	
Node Description		4831	887	Oxygen Optode #887	
Owner	4831	887			
Baudrate	4831	887	9600		
Flow Control	4831	887	None		
Enable Comm Indicator	4831	887	No		
Comm Timeout	4831	887	1 min		
Salinity[PSU]	4831	887	0.00		
TempCoef	4831	887	2.668195E+01	-3.082326E-02	
3.052646E-06		-4.515990E-09	0.000000E+00	0.000000E+00	
PTC0Coef	4831	887	0.000000E+00	0.000000E+00	
0.000000E+00		0.000000E+00			
PTC1Coef	4831	887	1.000000E+00	0.000000E+00	
0.000000E+00		0.000000E+00			
PhaseCoef	4831	887	-1.198000E+00	1.000000E+00	
0.000000E+00		0.000000E+00			
FoilID	4831	887	1824M		
FoilCoefA	4831	887	-2.679283E-06	-7.483597E-06	
1.960006E-03		-2.072853E-01	6.012464E-04	-6.604266E-07	
1.118020E+01		-5.148064E-02	6.898503E-05	8.465012E-07	
-3.143506E+02		2.051116E+00	-2.987026E-03	-4.449771E-06	
FoilCoefB	4831	887	-1.861349E-06	3.814899E+03	
-3.222806E+01		-1.678000E-01	1.894820E-02	-6.901433E-04	
1.042693E-05		0.000000E+00	0.000000E+00	0.000000E+00	

0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00				
FoilPolyDegT	4831	887	1	0	0	0	1
2	0	1	2	3	0	1	2
4	0	1	2	3	4	5	0
0	0	0	0	0			
FoilPolyDeg0	4831	887	4	5	4	3	3
3	2	2	2	1	1	1	1
1	0	0	0	0	0	0	0
0	0	0	0	0			
SVUFoilCoef	4831	887	2.767689E-03	1.185705E-04			
2.145839E-06	1.218725E+02	-2.019990E-01	-2.804543E+01				
2.433343E+00							
ConcCoef	4831	887	0.000000E+00	1.000000E+00			
NomAirPress[hPa]		4831	887	1013.25			
NomAirMix	4831	887	0.20946				
CalDataSat[Deg]	4831	887	0.00	0.00			
CalDataAPress[hPa]		4831	887	1013.250			
CalDataZero[Deg]		4831	887	0.000	0.000		
Enable RedReference		4831	887	Yes			
RedReference Interval		4831	887	1			
Mode	4831	887	Smart	Sensor	Terminal		
Enable Sleep	4831	887	No				
Enable Polled Mode	4831	887	No				
Enable Text	4831	887	No				
Enable Decimalformat	4831	887	Yes				
Analog TempLimit[Deg.C]	4831	887	-5.00	35.00			
Analog ConcLimit[uM]	4831	887	0.00	800.00			
Analog SatLimit[%]	4831	887	0.00	200.00			
Analog PhaseLimit[Deg.]	4831	887	10.00	70.00			
Analog Output	4831	887	O2Concentration				
Analog1 Coef	4831	887	0.000000E+00	1.000000E+00			
Analog2 Coef	4831	887	0.000000E+00	1.000000E+00			
Enable AirSaturation	4831	887	Yes				
Enable Rawdata	4831	887	Yes				
Enable Temperature	4831	887	Yes				
Enable HumidityComp	4831	887	Yes				
Enable SVUformula	4831	887	Yes				
Enable Burn-In Mode	4831	887	No				
Interval[s]	4831	887	1.000				

Location	4831	887		
Geographic Position	4831	887		60.323605,5.37225
Vertical Position	4831	887		
Reference	4831	887		